Trace Cable, Heating Jackets and Blankets

- Freeze Protection to -40°F (-40°C)
- Removable and Weather Resistant
- Process Maintenance, to 300°F (150°C)
- Self-Regulating Cable heating elements
- Voltage, 120V to 277V/1ph
- Multi Heat Zones, Sensors and Controls

HTS/Amptek® Traced Heating Blankets and Jackets are a great solution where instruments or other components need to be serviced. Traced Jackets may quickly be removed and replaced for temporary access. Large areas may be engineered using a modular approach having multiple heaters. Contact HTS/Amptek® for fast, professional design assistance.

Removable Trace Jackets for Pipes, Valves, Tanks, Bottles and more.

Whether for freeze protection or process temperature maintenance, removable Trace Jackets offer operational flexibility. Often the Trace Cable installed permanently has to be cut away after insulation is removed. Trace Jackets eliminate that loss of time and material by permitting the temporary removal and replacement with little required training. Complex structures may be heated indirectly by simply enclosing them. Since these heaters are maintainable only, direct heat conduction is not required.

Fabrication, Thermal Design, Temperature Control and Distribution.

Heat Loss, wet or dry conditions, freeze protection or process heat, area classification and temperature control are all considerations for Jacket design. For “Hazardous Area” applications, contact the HTS/Amptek® experienced design engineers for system design recommendations.

Contact HTS/Amptek®, or your representative, to discuss your application...
Trace Cable Heating Blankets and Jackets

Cable and Jacket Assembly Features

Trace Cable, Self Regulating Heating Element:
The Cable changes its output. It is maximum when cold and reduces as the heat builds. The two conductors within are over extruded then metal braided and overextruded again for dielectric and mechanical strength.

Element, Sensors and Power Leads Attached to the Liner:
Traced Blankets use "pocket" or "loop" stitched features to locate the Trace Cable elements in an even matrix for optimum heat transfer. Lead Wires, Jumpers and Sensors are stitched/bonded in place with adequate strain relief and sleeving reinforcement where necessary.

Outer Fabrics and Closures:
The outer Fabric, typically Silicone or Teflon® impregnated Fiberglass, provides flexibility, durability and moisture resistance. Velcro® flaps and D-Ring or Delrin Clip straps provide a final securing method.

Power Leads, Sensors and Plugs:
Lead Wires and Jumpers (and Sensors if required) exit Jackets via Cordgrip CGB type fittings and then Flex Conduit or cordset. They are designed for the required custom length and may include seal fittings or plugs depending on the service location and area classification.

“Traced Heating Jackets use many ordinary, NEMA 4 and NEMA 7 wiring distribution arrangements to simplify removable installations. Multiple Jacket Systems can be enhanced using built in Jumpers”

Heating Blanket Control and Distribution Systems available from HTS/Amptek®

Standard Controllers:
Standard, single zone, Temperature Controllers available from HTS/Amptek® are accurate and easy to use. Ideal for freeze protection, ambient and remote sensing switches energize when the temperature drops below the preset value.

Custom Control Panels:
Control Systems may be Wall, Floor, Rack or Portable Cart mount type. Contact support at HTS/Amptek® for expert design consultation.

Contact HTS/Amptek®, or your representative, for a custom configured Control System...

To Order or Additional information:
Visit us on the web. Or, call 281.340.9800 USA central time.
Email info@heatingtapes.com

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